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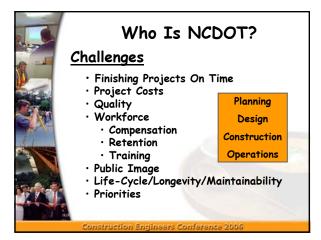
AGENDA

- Project Lettings
- · What is Project Delivery?
- · The Pressure Builds
- · "Day of Reckoning"
- · What Do We learn?
- · Where Do We Go From Here?

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Soup To Nuts?
<u>Legend</u>
Roman 3 Day Feasts
First Course
Last Course
The Beginning to the End
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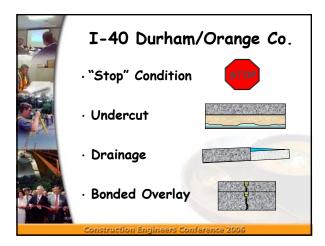


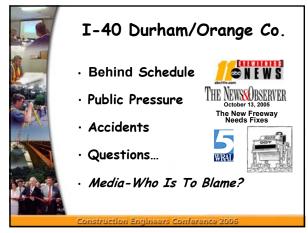




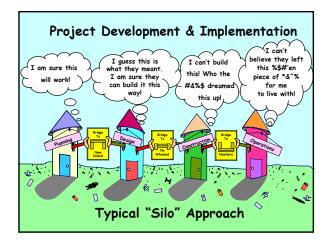
"Old" Definition of Project Delivery
If We Can Get a Project to the Letting We Will be Successful
 Immense Pressure to Award Contracts Within a Given Timeline "No Matter What"
· Preconstruction Schedule Delays are Unacceptable
· Do "Whatever it <mark>Takes" to Get the</mark> Project to Letting
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Where Was This Leading Us? · I-40 West of Greensboro · I-85 in Durham · Guess Road in Durham We Talked About the Problems, the "What ifs", the Pressure... "The Day of Reckoning" I-40 in Durham/Orange Counties

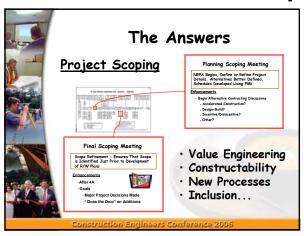


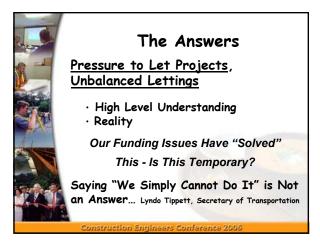




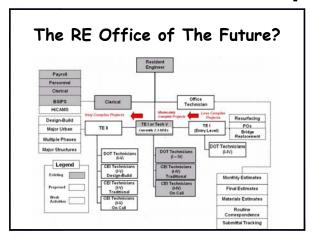


	The Answers
6 -4	"New" Definition of Project Delivery
	If We Can Get a Project <u>Open to the Public</u> We Will be Successful
	 A Delayed Letting Does Not Necessarily Mean Delayed Completion
	· Delays During <i>Construction</i> are Unacceptable
	 Do "Whatever it Takes" During Preconstruction to Ensure We Have Focused on Completion and Beyond
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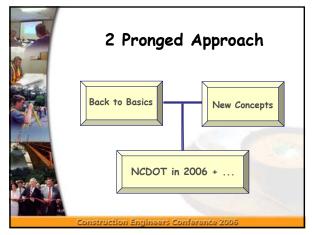




The Answers Handling the Workload Preconstruction, Construction, & Operations Refocus Roles & Responsibilities Internally Externally PEFs Contractors Workforce - What Keeps us Strong? Organizational Rebalancing? Organizational Structure?











No Matter ...

- · How Much Things Change
- What Technology Brings
- · How We Procure Contracts
- · Who Has Responsibility
- · What the Workload is
- · Who the Contractor is
- · What the Public Demands
- What "Wacky" Stuff Raleigh Dreams up...

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We Can't Lose Sight That

- · Construction is Still Construction
- · Communication is Still Communication
- Bridges, Pavements, and Drainage Systems Still Have to Be Built Correctly, Perform Appropriately, and Last a Long Time
- · Quality Assurance is Critical
- · Quality Control is Critical
- · Laying a Pipe Is Still Laying a Pipe..

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Back to Basics Communication Preconstruction Team Approach Documentation of Critical Elements Pass on Expertise Don't Assume - Ask!



Back to Basics

Documentation

- · Project Diaries
- · Construction Meeting Minutes
- · Direction to the Contractor
- · Supplemental Agreements
- · Construction Changes

Construction Manual

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Back to Basics

Training

- "Accelerate" the Learning Curve
 - · Skill Based Pay
 - · Competency Based Pay
- · Transportation Engineer's Academy
 - · Technical
 - · Management
- Joint NCDOT/Industry Training

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Qa/Qc

Differing Philosophies?

 "You Cannot Inspect Quality Into a Project"

Or...

· "You Should Expect What You Inspect"

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